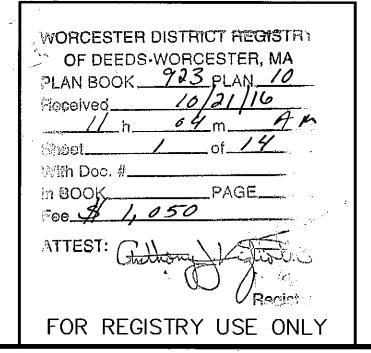
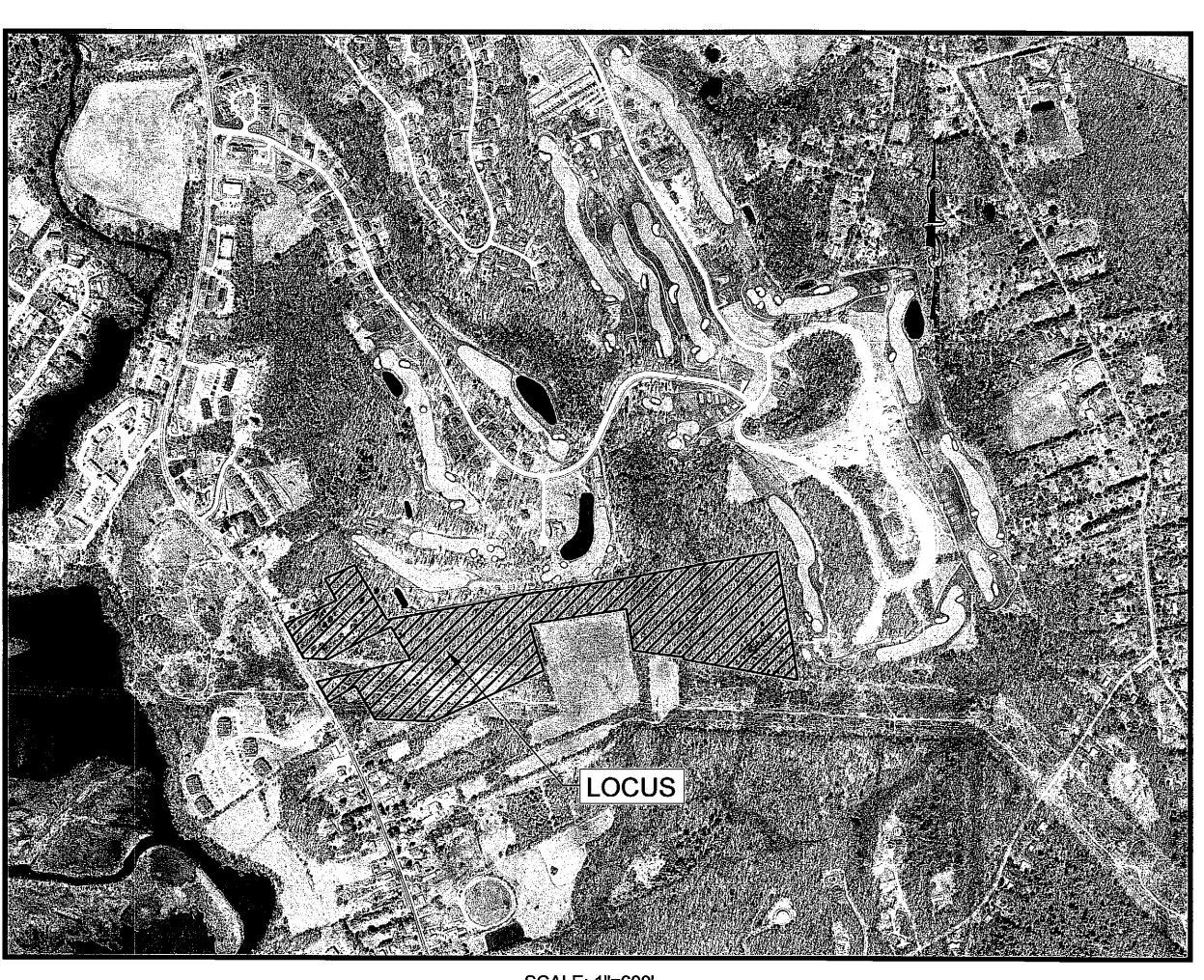
PROPOSED SITE DEVELOPMENT CEC SOLAR #1056 LLC

SITE DRAWINGS

ISSUED FOR: PERMITTING DATE ISSUED: AUGUST 12, 2015 LATEST ISSUE: OCTOBER 3, 2016



207 PROVIDENCE ROAD GRAFTON, MASSACHUSETTS



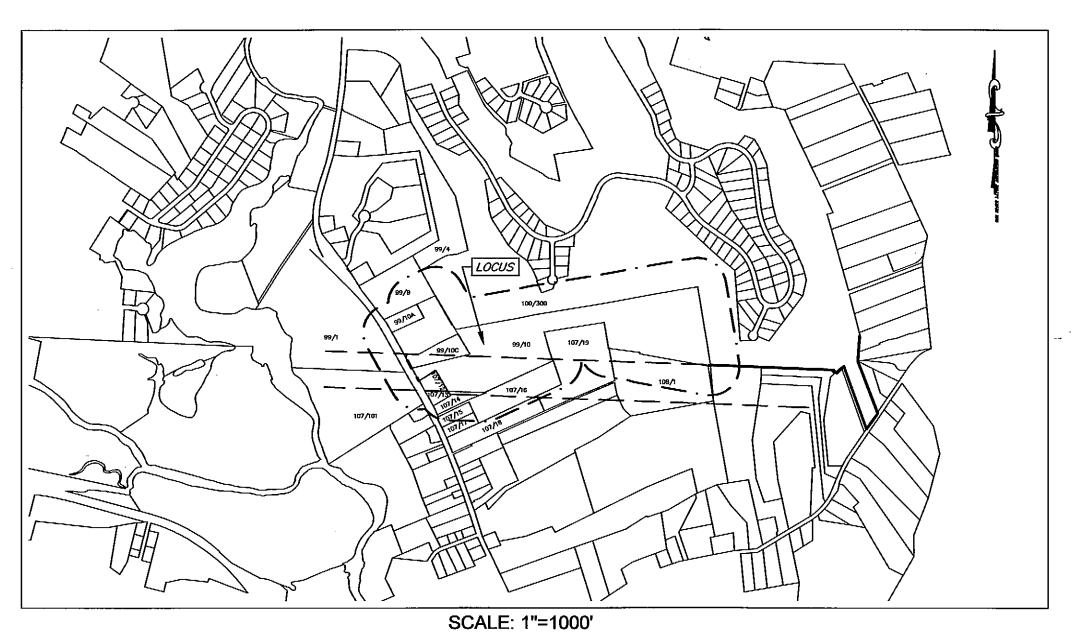
SCALE: 1"=600'

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LOT NO.	OWNER OF RECORD
99/1	JOHN H. MAGILL
99/4	HILLVIEW ESTATE INC. TRUSTEE
99/9	PROVIDENCE ROAD COMMONS, LLC
99/10A	JOHN D. KIMBERLY KELL
99/10C	SANDRA JEAN SHIELDS
100/300	MAGILL ASSOCIATES
107/12	NEW ENGLAND POWER COMPANY
107/13	NEW ENGLAND POWER COMPANY
107/14	LAURA A. & PRIMO BORELLI III
107/15	WALTER LUSSIER
107/16	ROBERT HUHOWSKI & STEPHEN A. HUCHOWSKI
107/17	ROBERT HUHOWSKI & STEPHEN A. HUCHOWSKI
107/18	JOHN A. GENDRON & JOYCE A. GIBREE
107/19	MARTIN D. SZERLAG JR. & FRANK J. SZERLAG
107/101	BROADMEADOW REALTY LLC
108/1	SUSAN TOMKIEWICZ ET ALS TRUSTEES

THIS IS TO CERTIFY THAT THIS PLAN WAS DESIGNED TO COMPLY WITH THE

ENGINEER:

FIELD ENGINEERING CO., INC. 11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MASSACHUSETTS 02739

APPLICANT:

CEC SOLAR #1056 LLC C/O CLEAN ENERGY COLLECTIVE, LLC 146 W. BOYLSTON DRIVE WORCESTER, MASSACHUSETTS 01606

PROPERTY OWNERS:

ROBERT & KAREN KELL 207 PROVIDENCE ROAD GRAFTON, MASSACHUSETTS 01519-1506

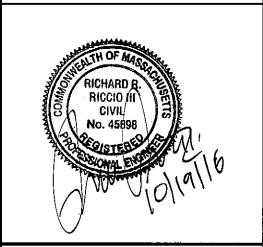
PROJECT LOCATION:

207 PROVIDENCE ROAD ASSESSORS MAP 99, LOT 10 **GRAFTON, MASSACHUSETTS**

DEVELOPMENT MAP 99, LOT 10

PROPOSED

207 PROVIDENCE ROAD GRAFTON, MA



FIELD ENGINEERING CO., INC. CONSULTING ENGINEERS

11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MA 02739 TEL: (508) 758-2749 FAX: (508) 758-2849

THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780 TEL: (508) 824-9279 FAX: (508) 824-9276

1 OF 14

GENERAL CONSTRUCTION NOTES

- 1. THE MATERIALS AND CONSTRUCTION OF ALL THE PROPOSED STORM DRAINAGE UTILITIES SHALL CONFORM TO THE SPECIFICATIONS SHOWN HEREIN AS WELL AS ALL APPLICABLE MASSDOT STANDARDS AND SPECIFICATIONS, LATEST EDITION. THE MATERIALS AND CONSTRUCTION OF ALL ELECTRIC, TELEPHONE & CATV UTILITIES SHALL CONFORM TO THE SPECIFICATIONS OF EACH RESPECTIVE PUBLIC UTILITY PROVIDER.
- 2. ALL CONSTRUCTION MATERIALS, AS WELL AS ALL MATERIAL SHOP DRAWINGS AND MANUFACTURERS DATA SHALL RECEIVE THE WRITTEN APPROVAL OF THE THE PROJECT ENGINEER PRIOR TO FABRICATION AND INSTALLATION.
- 3. THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES SHALL BE CONSIDERED APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. UNDERGROUND UTILITIES SHOWN ARE FROM FIELD OBSERVATION AND THE BEST AVAILABLE RECORD INFORMATION AND ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PIPES OR STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES RELATIVE TO THE LOCATION AND ELEVATION OF ALL EXISTING LINES.
- 4. THE CONTRACTOR SHALL CONTACT "DIG SAFE" AT 1-800-322-4844, 72 HOURS PRIOR TO ANY EXCAVATION AND/OR SUBSURFACE TESTING TO INFORM THE UTILITY COMPANIES OF ANY EXCAVATION.
- 5. WHENEVER EXISTING STRUCTURES ARE ENCOUNTERED, THE CONTRACTOR SHALL REPAIR ANY DAMAGED STRUCTURES OR REPLACE ANY REMOVED STRUCTURES, AND MAKE ANY IMPROVEMENTS ABOVE OR BELOW GRADE TO A CONDITION BETTER THAN OR EQUAL TO PRE—EXISTING CONDITIONS.
- 6. ALL EXCAVATED MATERIAL DESIGNATED FOR REUSE SHALL BE STOCKPILED ON SITE NO HIGHER THAN 8 FEET AND SHALL BE ENCLOSED BY TEMPORARY SILT FENCES TO PREVENT TRAVEL OF SEDIMENT TO ADJACENT PROPERTIES OR
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL WASTE MATERIAL AT AN APPROVED LOCATION.

BURIAL OF WASTE MATERIAL ON SITE WILL NOT PERMITTED.

- 8. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE AND MAINTAINED IN GOOD CONDITION UNTIL SURFACE RESTORATION IS COMPLETE AND ALL AREAS DISTURBED BY THE CONTRACTORS OPERATIONS ARE STABILIZED.
- 9. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES FROM ON SITE CONSTRUCTION ACTIVITIES AND REMOVE ANY SEDIMENT OR DEBRIS DEPOSITED THEREON IMMEDIATELY. 10. DRAINAGE GENERATED AS A RESULT OF TRENCH DEWATERING SHALL BE DISCHARGED TO EXISTING DRAINAGE COURSES WITH PROPER EROSION CONTROL AND DEWATERING MEASURES MEASURES SUBJECT TO APPROVAL BY THE PROJECT ENGINEER. DIRECT DISCHARGE ONTO PAVEMENT, WETLANDS OR PRIVATE PROPERTY SHALL NOT BE ALLOWED
- WITHOUT CONSENT OF THE PROJECT ENGINEER AND THE OWNER. 11. THE OWNER AND THE PROJECT ENGINEER SHALL APPROVE ALL FIELD CHANGES IN THE WORK PRIOR TO IMPLEMENTATION. NO FIELD CHANGES SHALL BE MADE IN ANY SPECIFIED SITE WORK OR ANY MATERIALS FOR WHICH SHOP DRAWINGS HAVE BEEN SUBMITTED AND APPROVED WITHOUT PRIOR CONSULTATION OF THE OWNER AND THE PROJECT ENGINEER. ANY CHANGES SO MADE WITHOUT THE CONSENT OF THE OWNER AND THE PROJECT ENGINEER SHALL, IF DEEMED UNACCEPTABLE BY EITHER PARTY, BE PROMPTLY REMOVED FROM THE WORK AT NO EXPENSE TO
- 12. ANY WORK OR MATERIALS NOT MEETING THE APPROVED STANDARDS AND SPECIFICATIONS OF THE LOCAL DEPT. OF PUBLIC WORKS SHALL BE IMMEDIATELY REMOVED AND REPLACED AT THE FULL RESPONSIBILITY AND COST/EXPENSE TO
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE PREPARATION, THE COORDINATION AND INSTALLATION OF ALL UTILITY CONNECTIONS, AND RELATED WORK INCLUDING BUT NOT LIMITED TO ALL NECESSARY SHORING, BRACING AND TRENCH DEWATERING FOR THE COMPLETE INSTALLATION OF THE PROJECT FACILITIES DURING CONSTRUCTION.
- 14. ALL OPEN EXCAVATIONS SHALL BE ADEQUATELY SAFEGUARDED IN STRICT ACCORDANCE WITH OSHA GUIDELINES AND TO THE SATISFACTION OF THE LOCAL POLICE DEPARTMENT. PROVISIONS FOR TEMPORARY BARRICADES, CAUTION SIGNS, LIGHTS AND OTHER MEANS TO PREVENT ACCIDENTS AND DAMAGE TO PROPERTY ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE SUITABLE AND SAFE BRIDGES AND OTHER CROSSINGS FOR ACCOMMODATING TRAVEL BY PEDESTRIANS AND WORKMEN. NO EXCAVATIONS SHALL REMAIN OPEN OVERNIGHT.
- 15. REFER TO CONSTRUCTION DETAILS ON THIS SHEET FOR ADDITIONAL UTILITY REQUIREMENTS AND SPECIFICATIONS.
- 16. THESE PLANS HAVE BEEN PREPARED SPECIFICALLY AS SUPPLEMENTAL INFORMATION TO ACCOMPANY APPLICABLE PERMIT APPLICATIONS AND ARE NOT INTENDED FOR ACTUAL CONSTRUCTION WITHOUT THE EXPRESSED WRITTEN
- 17. ALL SLOPES SHALL BE GRADED AT NO LESS THAN 3:1 UNLESS OTHERWISE SHOWN ON THE PLANS. LAND DISTURBING ACTIVITIES WITHIN ANY LANDSCAPE BUFFER LINES SHALL BE KEPT TO A MINIMUM. NO STOCKPILING OF RESIDUALS WILL BE ALLOWED WITHIN ANY LANDSCAPE BUFFER ZONE AREAS OR DESIGNATED NO DISTURBANCE AREAS.

EROSION & SEDIMENTATION CONTROL PROGRAM

- 1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE EXECUTED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS AND THE NPDES STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
- 2. THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE LEFT IN AN UNTREATED OR UNVEGETATED CONDITION FOR A MINIMUM TIME. AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING AND TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL IF THE DISTURBANCE IS WITHIN 100 FEET OF A WETLAND RESOURCE AREA. THE DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OR PRIOR TO ANY FORECASTED
- 3. SEDIMENT BARRIERS (SILT FENCE, HAY BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE UPGRADIENT CONTRIBUTING DRAINAGE AREA. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 8.0% AFTER OCTOBER 1ST.
- 4. INSTALL SILT FENCE AT TOE OF SLOPE TO FILTER SILT FROM RUNOFF. SEE SILT FENCE DETAIL FOR PROPER

AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE STABILIZED BY TURF.

- INSTALLATION. SILT FENCE WILL REMAIN IN PLACE PER NOTE #5. 5. ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL, SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSURE. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT AND WHEN THE DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE
- 6. NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO TO ONE (2 TO 1) UNLESS NOTED
- 7. IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPORARY MULCH OR DORMANT SEEDING TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED
- 8. TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TO PROTECT FROM SPRING RUNOFF PROBLEMS.
- 9. REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND PREPARED FOR FINAL SEEDING AS
- A) ANY TOPSOIL TO BE PLACED FOR REVEGETATION MEASURES (WHETHER SCREENED ON-SITE OR IMPORTED) SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS, AND SHALL BE PLACED TO A DEPTH OF FOUR (4) INCHES ON ALL LOAM AND SEED AREAS OR AS SPECIFIED ON THE DRAWINGS.
- B) APPLY FERTILIZER AND/OR LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT MANUFACTURER'S RECOMMENDED RATES.
- C) THE DESIGN MIXES FOR SEEDING SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLES. THE SEED MIX SHALL BE INOCULATED WITHIN TWENTY-FOUR (24) HOURS, BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULUM FOR EACH VARIETY. (ALTERNATIVE SEED MIXES SHALL BE APPROVED BY THE ENGINEER AND CONSERVATION COMMISSION PRIOR TO CONSTRUCTION)

LOAM AND SEED AREAS - UNDER SOLAR ARRAY

ADDITON DATE	0.40.100.74
DUTCH WHITE CLOVER	15
MEDIUM RED CLOVER	20
CRIMSON CLOVER	15
ALSIKE CLOVER	25
YELLOW BLOSSON SWEETCLOVER	25
<u>TYPE</u>	% BY WEIGHT

8-10 LBS./1 ACRE APPLICATION RATE

LOAM AND SEED AREAS -OUTSIDE SOLAR ARRAY AREAS-WILDFLOWER SEED MIX

EALWAY AFTER TANKE TO		····LOT LOTILITY
TYPE PARTRIDGE PEA	<u>%</u> 10	BY WEIGHT
DOTTED MINT	15	
WILD BERGAMOT	iš	
VIRGINIA MOUNTAIN MINT	10)
BLUE VERVAIN	20)
BLAZING STAR	2	
SMOOTH BLUE ASTER	10	•
CALICO ASTER	12	<u>'</u>
ANISE HYSSOP	TDC 4	
MISCELLANEOUS WILDFLOWE	RS 4	
APPLICATION RATE	10	LBS./1 ACRE

- 10. HAY OR STRAW MULCH SHALL BE LOOSELY SPREAD TO A UNIFORM DEPTH AT THE RATE OF 4.5 TONS PER ACRE EXCEPT OVER CERTAIN SELECTED SEEDED AREAS WHERE 2 TONS PER ACRE SHALL BE USED AS DIRECTED BY THE ENGINEER AND/OR THE PLANNING BOARD. A HYDRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS WILL BE USED ON HAY MULCH FOR WIND
- 11. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED TO THE SATISFACTION OF THE PROJECT ENGINEER AND/OR THE CONSERVATION COMMISSION.
- 12. ADJACENT PROPERTIES WILL BE PROTECTED WITH HAY BALES AND/OR SILT FENCING INSTALLED AS SHOWN ON THE DRAWINGS. ADDITIONAL HAY BALES OR SAND BAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR THE CONSERVATION COMMISSION.
- 13. TEMPORARY HAY BALE EROSION CHECKS OR FILTER FABRIC GRATE INSERTS SHALL BE PROVIDED AT ALL DRAINAGE STRUCTURE INLETS DURING CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION AND SATISFACTORY STABILIZATION OF DISTURBED AREAS, THE CONTRACTOR SHALL CLEAN ALL CATCH BASIN SUMPS AND DRAIN INVERTS. 14. THE CONTRACTOR MUST REPAIR OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND
- SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE OWNER. 15. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1ST THROUGH JUNE 15TH AND AUGUST 15TH
- 16. STOCKPILES OF TOP SOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES NO GREATER

MULCH AND MULCH ANCHORING

MULCH LOCATION	MULCH	RATE (1.000 S.F.)
MILD SLOPES LESS THAN 3:1 HIGH WIND VELOCITY AREAS	STRAW OR HAY SHREDDED OR CHOPPED CORNSTALKS ANCHORED STRAW OR HAY (1)	200 POUNDS 200-275 POUNDS 200 POUNDS
MODERATE TO HIGH VELOCITY AREAS STEEP SLOPES GREATER THAN 3:1	JUTE MESH OR EXCELSIOR MAT JUTE MESH OR EXCELSIOR MAT	AS REQUIRED AS REQUIRED
(1) A HYDRO_APPLICATION OF WOOD OR I	PADER FIRED MAY BE ARRIVED FOLLOWING SER	TOING A CHITADLE DINID

(1) A HYDRO-APPLICATION OF WOOD OR PAPER FIBER MAY BE APPLIED FOLLOWING SEEDING. A SUITABLE BINDER SUCH AS CURASOL OR RMB PLUS SHALL BE USED ON HAY MULCH FOR WIND CONTROL.

MULCH ANCHORING

MULCH ANCHORING MAY BE ACCOMPLISHED WITH PEG AND TWINE (1 SQ. YD/BLOCK); MULCH NETTING (PER MANUFACTURERS SPECIFICATIONS); WOOD CELLULOSE FIBER (750 LBS/ACRE); OR CHEMICAL TACK (PER MANUFACTURERS SPECIFICATIONS).

EROSION CONTROL NOTES DURING CONSTRUCTION

- 1. CONSTRUCTION ACTIVITY EXECUTED DURING THE WINTER CONSTRUCTION PERIOD BETWEEN NOVEMBER 1 THROUGH APRIL 15 SHALL BE SUBJECT TO THE FOLLOWING ADDITIONAL REQUIREMENTS.
- 2. EXPOSED AREA SHOULD BE LIMITED TO THAT WHICH CAN BE MULCHED OR TEMPORARY STABILIZED IN ONE DAY PRIOR TO ANY SNOW EVENT.
- 3. CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO AREA IN EXCESS OF ONE ACRE IS WITHOUT
- 4. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR HAY AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE
- 5. BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE PERMITTED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES, THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED.
- IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 200 TO 300% HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. IF CONSTRUCTION CONTINUES DURING FREEZING WEATHER, ALL EXPOSED AREAS SHALL BE CONTINUOUSLY GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT UNEXPOSED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS TREATED IN THE ABOVE MANNER.
- UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF HAY BALE/SAND BAG CHECK DAMS.
- 6. BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACK OR WOOD CELLULOSE FIBER.
- MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3%, FOR SLOPES EXPOSED TO DIRECT WINDS, AND FOR ALL OTHER SLOPES GREATER THAN 8%. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15% AFTER OCTOBER
- 7. ALL EROSION MITIGATION SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBANCE ACTIVITIES ON THE SITE.

1ST THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.

STORMWATER FACILITY OPERATION/MAINTENANCE PLAN

PROPERTY OWNER: ROBERT & KAREN KELL 207 PROVIDENCE ROAD GRAFTON, MASSACHSUETTS 01519-1506 APPLICANT/PROPONENT: 146 W. BOYLSTON DRIVE

WORCESTER, MASSACHUSETTS 01606

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES INCLUDING THE CONTINUED STABILIZATION OF THE SITE UNTIL SUCH TIME AS THE PROJECT IS ACCEPTED BY THE OWNER. THEREAFTER, THE OWNER SHALL BE RESPONSIBLE FOR THE PROPER INSPECTION AND MAINTENANCE OF ANY STORMWATER FACILITIES IN ACCORDANCE WITH THIS OPERATION AND MAINTENANCE PLAN.
- 2. ALL STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S), INCLUDING THE SILTATION CONTROL, SHOULD BE INSPECTED AFTER EVERY MAJOR RAINFALL EVENT EXCEEDING 1.0-INCH UNTIL THE SITE IS FULLY STABILIZED TO ENSURE NO SEDIMENTATION INTO THE WETLANDS HAS OCCURRED.
- 3. THEREAFTER REGULAR BMP INSPECTIONS SHOULD BE CONDUCTED ACCORDING TO THE FOLLOWING SCHEDULE: BMP STRUCTURE INSPECTIONS PER YEAR CRUSHED STONE EDGE DRAIN TRENCHES
- 4. ACCUMULATED SILT AND SEDIMENT AHEAD OF THE SILTATION CONTROLS SHOULD BE REMOVED IF THE ACCUMULATED DEPTH OF SEDIMENT EXCEEDS ONE HALF OF THE HEIGHT OF THE STRUCTURE. ANY ACCUMULATED SILT WITHIN THE DETENTION
- BASINS SHOULD BE REMOVED ONCE THE ACCUMULATED DEPTH OF SILT EXCEEDS THREE INCHES. ALL REMOVED SEDIMENTS ARE TO BE PROPERLY DISPOSED OF AT A LOCATION TO BE APPROVED BY THE BOARD OF HEALTH, TRANSPORTATION AND DISPOSAL OF SEDIMENTS SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND
- . THE ACCESS DRIVEWAY INTO THE FACILITY SHALL BE PLOWED AFTER ALL SNOW EVENTS TO MAINTAIN EMERGENCY ACCESS TO THE FACILITY. SNOW SHALL BE STOCKPILED WITHIN THE FENCED AREA AND ALLOW TO MELT ON—SITE AND FLOW OVERLAND FOLLOWING NATURAL DRAINAGE PATTERNS.
- 7. THE ACCESS DRIVEWAY SHALL BE MONITORED ON A REGULAR BASIS TO INSURE ITS SUITABILITY FOR ACCESS. GRAVEL ALONG THE ACCESS DRIVEWAY SHALL BE REPLACED AS NECESSARY TO MAINTAIN SUITABLE ACCESS TO THE ARRAY. IN ADDITION THE ENTIRE FACILITY SHALL BE MONITORED ON A REGULAR BASIS FOR ANY SIGNS OF EROSION DUE TO
- STORMWATER RUNOFF. ERODED AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE. 8. THE SITE SHALL BE MONITORED TO INSURE PROPOSED DRAINAGE PATTERNS ARE MAINTAINED FOLLOWING CONSTRUCTION. SHOULD CHANNEL FLOW FROM RUNOFF DEVELOP WITHIN THE SITE THAT REQUIRES CORRECTIVE MEASURES, THESE MEASURES SHALL BE REVIEWED WITH THE PLANNING BOARD PRIOR TO THEIR IMPLEMENTATION.
- 9. SIDE SLOPES AND BOTTOM AREAS OF ANY GRASSED SWALES AND DETENTION BASINS SHOULD BE MOWED TO A MINIMUM HEIGHT OF FOUR INCHES AT LEAST ONCE A YEAR. REMOVE ALL GRASS CLIPPINGS AND ORGANIC MATTER FROM ALL
- 10. THE DETENTION BASINS SHOULD BE INSPECTED FOR TRASH ON A REGULAR BASIS. ANY ACCUMULATED TRASH, LITTER, AND DISCARDED MATERIALS SHOULD BE REMOVED.
- 11. THE CONTRACTOR AND THE OWNER SHALL MAINTAIN A BMP INSPECTION REPORT FOLLOWING EACH SITE INSPECTION AS RECOMMENDED ABOVE. THE BMP INSPECTION REPORT SHALL IDENTIFY THE DATE OF INSPECTION, THE NAME AND CONTACT
- NUMBER OF THE RESPONSIBLE PARTY! SPECIFIC STRUCTURES INSPECTED, SPECIFIC MAINTENANCE REQUIRED AND OBSERVATIONS AT A MINIMUM, INSPECTION REPORTS SHOULD ADDRESS THE FOLLOWING CONDITIONS WHERE APPLICABLE:
 - 1.EMBANKMENT SUBSIDENCE 2.EROSION 3.CRACKING OF CONTAINMENT BERM
 - 4.INLET/OUTLET CONDITIONS 5. SEDIMENT ACCUMULATIONS 6. SLOPE STABILITY

2 0 F 14

FOR REGISTRY USE ONLY

LEGEND **EXISTING** <u>PROPOSED</u> ---- EXISTING INDEX CONTOUR PROPOSED INDEX CONTOUR ----- EXISTING INTERMEDIATE CONTOUR —98——— PROPOSED INTERMEDIATE CONTOUR × 38.8 EXISTING SPOT GRADE 98.8 PROPOSED SPOT GRADE EXISTING PROPERTY LINE PROPOSED PROPERTY LINE EXISTING MONUMENT PROPOSED MONUMENT PROPOSED BUILDING ---- EXISTING EDGE OF PAVEMENT PROPOSED EDGE OF PAVEMENT CURB TYPE PROPOSED CURB ______CURB_TYPE EXISTING CURB SIDEWALK TYPE EXISTING SIDEWALK SIDEWALK TYPE PROPOSED SIDEWALK ---- EXISTING EDGE OF DRIVES PROPOSED EDGE GRAVEL DRIVES EXISTING WOOD ROAD EXISTING TREELINE PROPOSED LIMIT OF CLEARING Issued For EXISTING FENCE LINE ---- × ---- PROPOSED FENCE LINE PROPOSED GUARDRAIL EXISTING GUARDRAIL WALL TYPE PROPOSED WALL EXISTING STONEWALL EXISTING RETAINING WALL PROPOSED RETAINING WALL PROPOSED RAILROAD ---- EXISTING SETBACK LINE ---- PROPOSED SETBACK LINE ————— EXISTING EASEMENT LINE ---- PROPOSED EASEMENT LINE ————— EXISTING ZONING BOUNDARY — PROPOSED ZONING BOUNDARY EXISTING RIP RAP PROPOSED RIP RAP EXISTING SOIL BORING LOCATION **EXISTING TEST PIT LOCATION** PROPOSED TEST PIT LOCATION EXISTING SIGN POST PROPOSED SIGN POST EXISTING LIGHT POLE PROPOSED LIGHT POLE EXISTING UTILITY POLE PROPOSED UTILITY POLE -(3) EXISTING GUY POLE PROPOSED GUY POLE EXISTING CATCH BASIN \square CB PROPOSED CATCH BASIN EXISTING DRAIN MANHOLE PROPOSED DRAIN MANHOLE EXISTING FLARED END PROPOSED FLARED END EXISTING SEWER MANHOLE PROPOSED SEWER MANHOLE EXISTING WATER MANHOLE HMW ® PROPOSED WATER MANHOLE EXISTING HYDRANT PROPOSED HYDRANT PROPOSED WATER GATE VALVE EXISTING WATER GATE VALVE 0 *CS* EXISTING CURB STOP CS PROPOSED CURB STOP EXISTING WELL LOCATION PROPOSED WELL LOCATION EXISTING ELECTRIC MANHOLE ©EMH PROPOSED ELECTRIC MANHOLE 0 EXISTING HAND HOLE PROPOSED HAND HOLE EXISTING TRANSFORMER PAD PROPOSED TRANSFORMER PAD EXISTING TELEPHONE MANHOLE PROPOSED TELEPHONE MANHOLE Ш EXISTING CONTROLLER CABINET \times PROPOSED CONTROLLER CABINET \circ GGEXISTING GAS GATE o GG PROPOSED GAS GATE ____SIZE & TYPE___ EXISTING DRAIN LINE SIZE & TYPE PROPOSED DRAIN LINE S ____ SIZE & TYPE ____ EXISTING SEWER LINE SIZE & TYPE PROPOSED SEWER LINE **□** # ______________________EXISTING WATER LINE SIZE & TYPE PROPOSED WATER LINE Ш ____SIZE & TYPE ____ EXISTING GAS LINE SIZE & TYPE PROPOSED GAS LINE S PO: SOL CONDUIT SIZE PROPOSED ELECTRIC LINE CONDUIT SIZE EXISTING ELECTRIC LINE ------EXISTING CABLE T.V. & TELEPHONE _____ TYPE. ____ PROPOSED CABLE T.V. & TELEPHONE ι Ō υ EXISTING SEPTIC SYSTEM LOCATION PROPOSED SEPTIC SYSTEM LOCATION \mathbf{L} — EXISTING WETLAND LINE PROPOSED WETLAND REPLICATION ARE EXISTING WETLAND FLAG LOCATION PROPOSED SILTATION CONTROL Drawing Title _____LOC____ PROPOSED LIMIT OF CLEARING ————— EXISTING BUFFER LINE EXISTING RIVERFRONT LINE EXISTING STRUCTURE TO BE DEMOLISHED ---- EXISTING FLOOD ZONE LINE (R&D) REMOVE & DISPOSE

(R&R)

(AG)

REMOVE & RESET

ADJUST TO GRADE

ABANDON IN PLACE

ABANDON

----- EXISTING WATER BODY

EXISTING EDGE OF LEDGE

11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MA 02739 TEL: (508) 758-2749 FAX: (508) 758-2849

Revisions ADD SHEET 14 PER PB DECISION ISSUED FOR 9/1/16 RRR CONSTRUCTION REVISED FOR NEW ACCESS ROAD
MINOR REVISIONS PER CONSULTANT REVIEW REV PER PB COMMENT LETTERS Description 8/12/15 NO SCALE Designed By | Checked By RRR RRR PERMITTING

EIELD

CO., INC.

THE CROCKER BUILDING

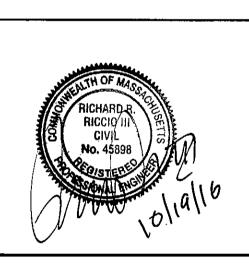
TAUNTON, MA 02780 TEL: (508) 824-9279

*FAX: (508) 824-9276

4 COURT STREET SUITE 104

NGINEERING

CONSULTING ENGINEERS



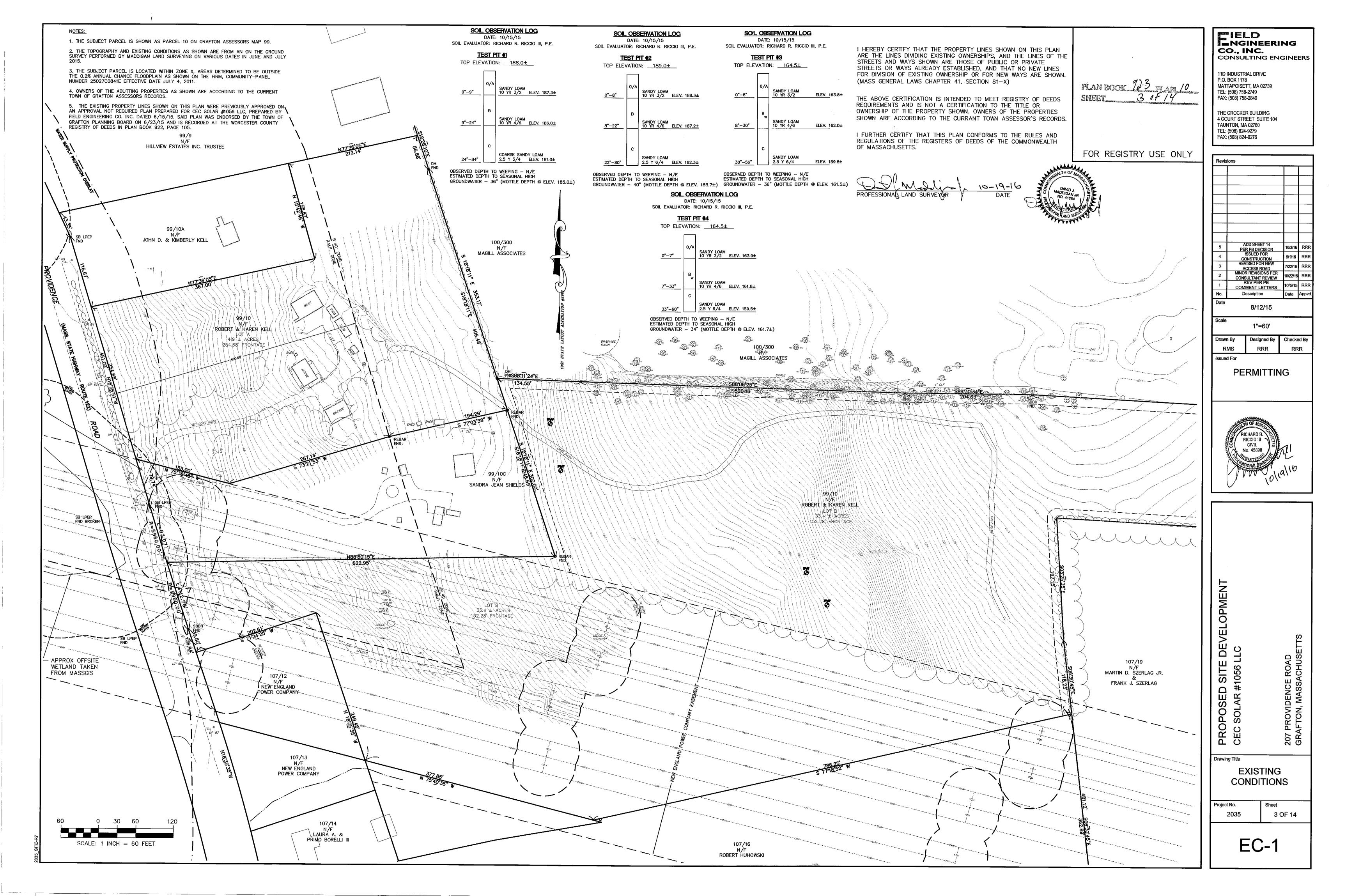
IDENCE ROAD , MASSACHUSETT Ö 207 PROVIC GRAFTON, I

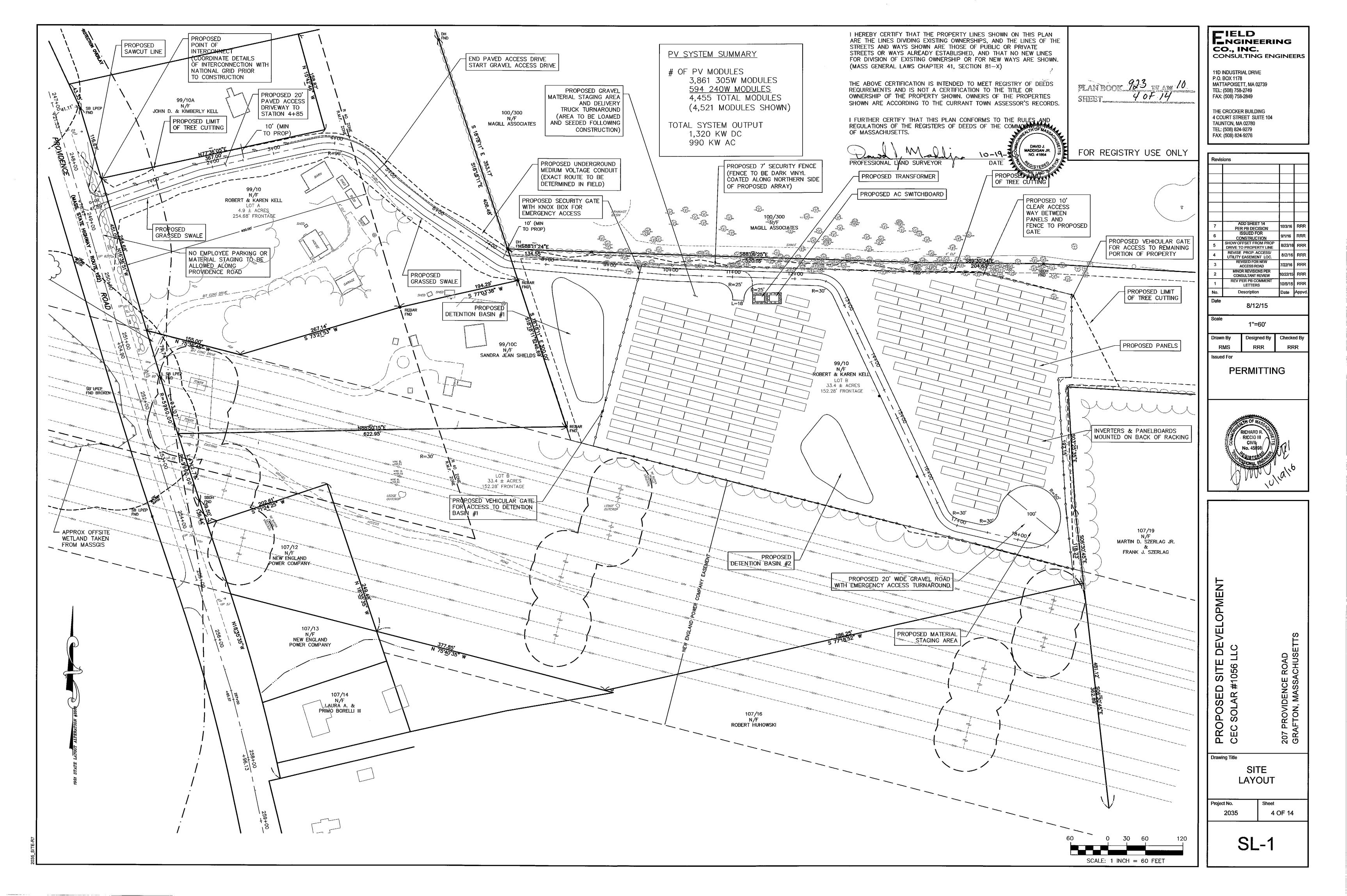
NOTES & LEGEND

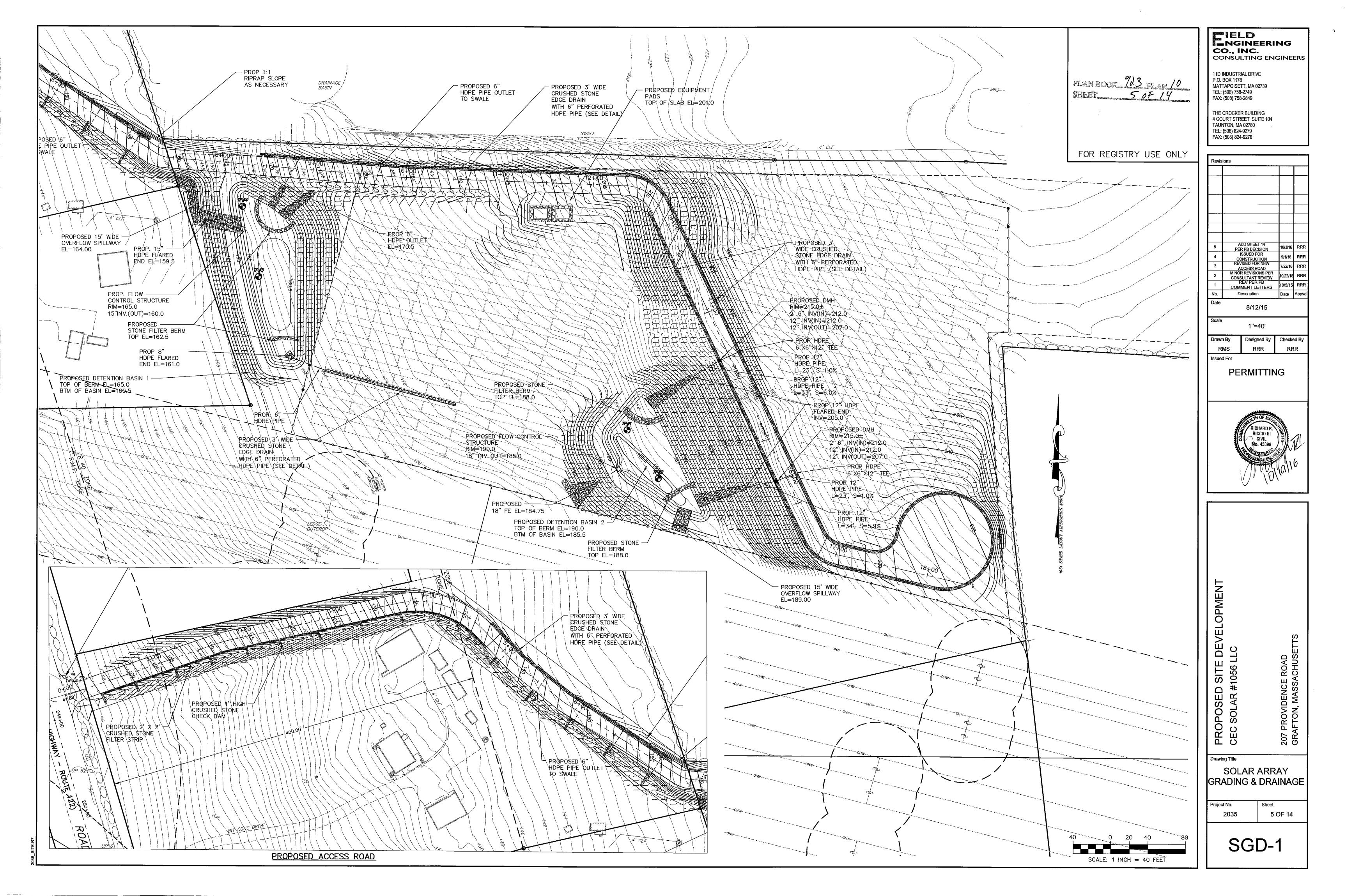
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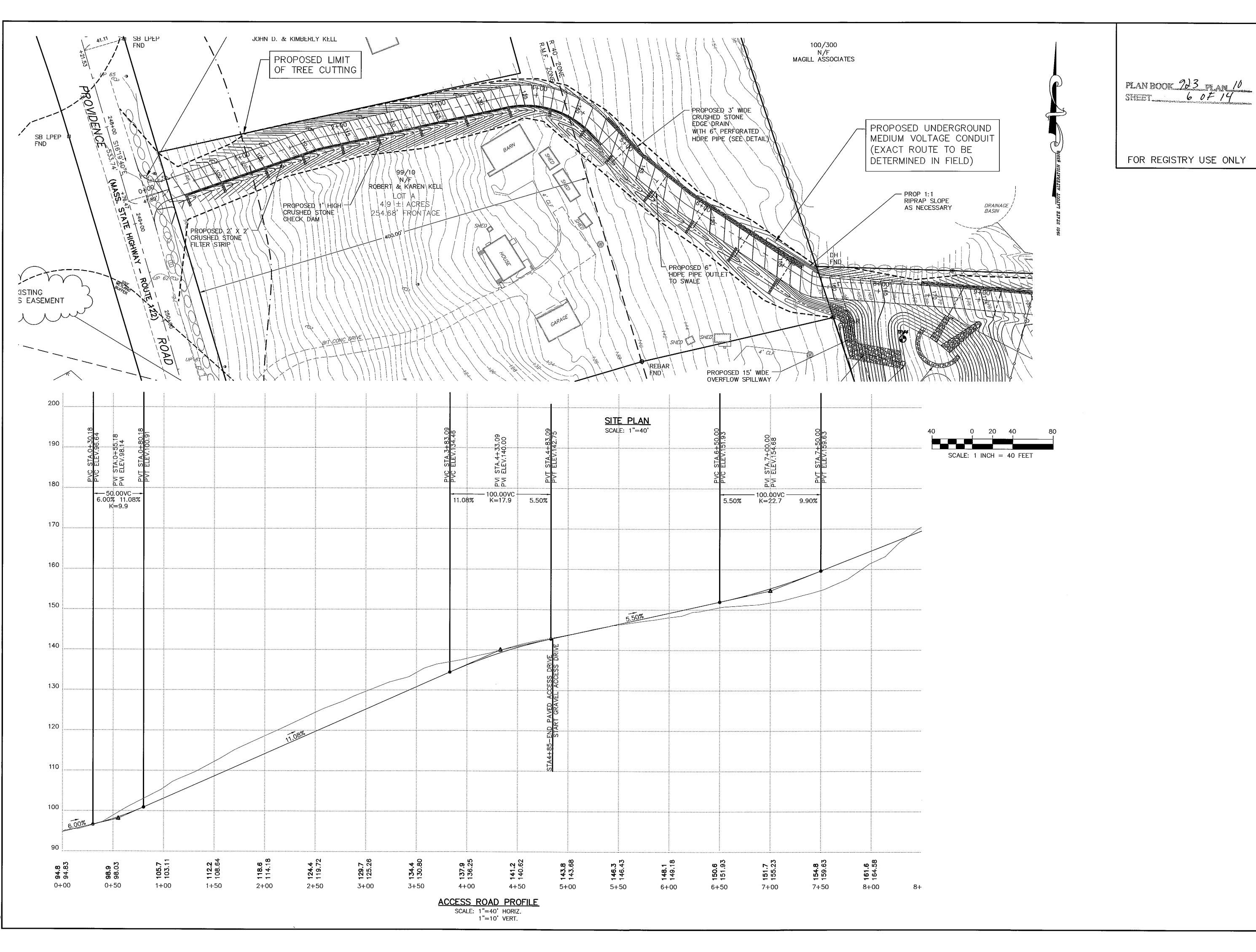
N-1

roject No.









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FAX: (508) 758-2849

THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780 TEL: (508) 824-9279 FAX: (508) 824-9276

Revis	sions		
5	ADD SHEET 14 PER PB DECISION	10/3/16	RRR
4	ISSUED FOR CONSTRUCTION	9/1/16	RRR
3	REVISED FOR NEW ACCESS ROAD	7/22/16	RRR
2	MINOR REVISIONS PER CONSULTANT REVIEW	10/22/15	RRR
1	REV PER PB COMMENT LETTERS	10/5/15	RRR
No.	Description	Date	Appvd.
Date	0/40/45		

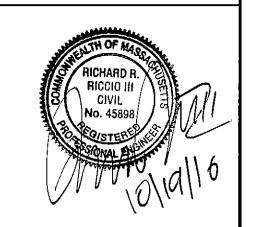
8/12/15

1"=40'

Drawn By Designed By Checked By

RMS RRR RRR

PERMITTING



PROPOSED SITE DEVELOPMENT
CEC SOLAR #1056 LLC

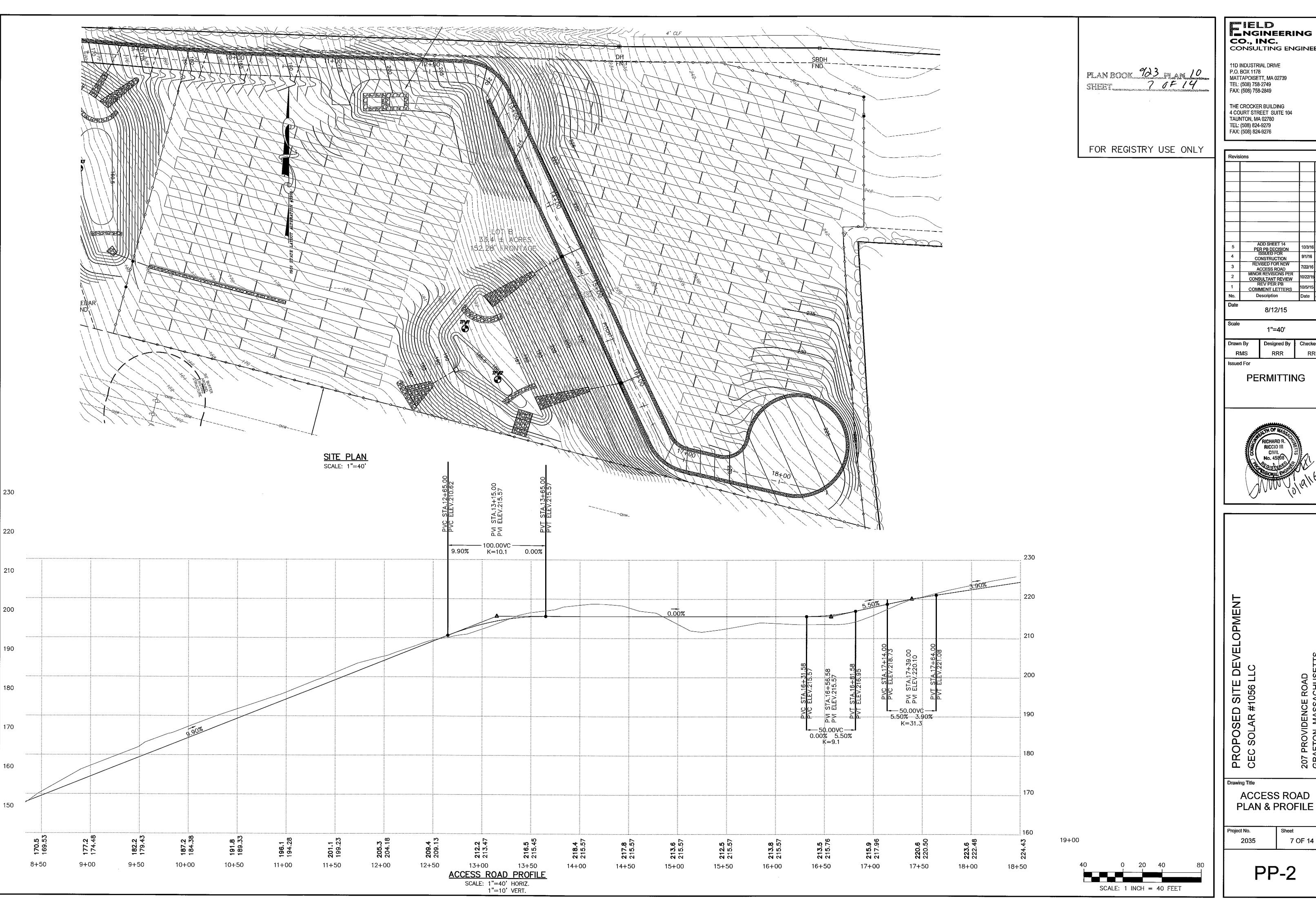
wing Title

ACCESS ROAD PLAN & PROFILE

Project No. 2035

6 OF 14

PP-1



ELD ENGINEERING CO., INC.
CONSULTING ENGINEERS

11D INDUSTRIAL DRIVE P.O. BOX 1178

THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780

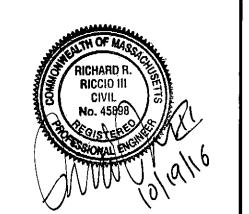
CONSTRUCTION
REVISED FOR NEW
ACCESS ROAD
MINOR REVISIONS PER
CONSULTANT REVIEW
REV PER PB
COMMENT LETTERS

8/12/15

Description

1"=40' Designed By | Checked By

PERMITTING



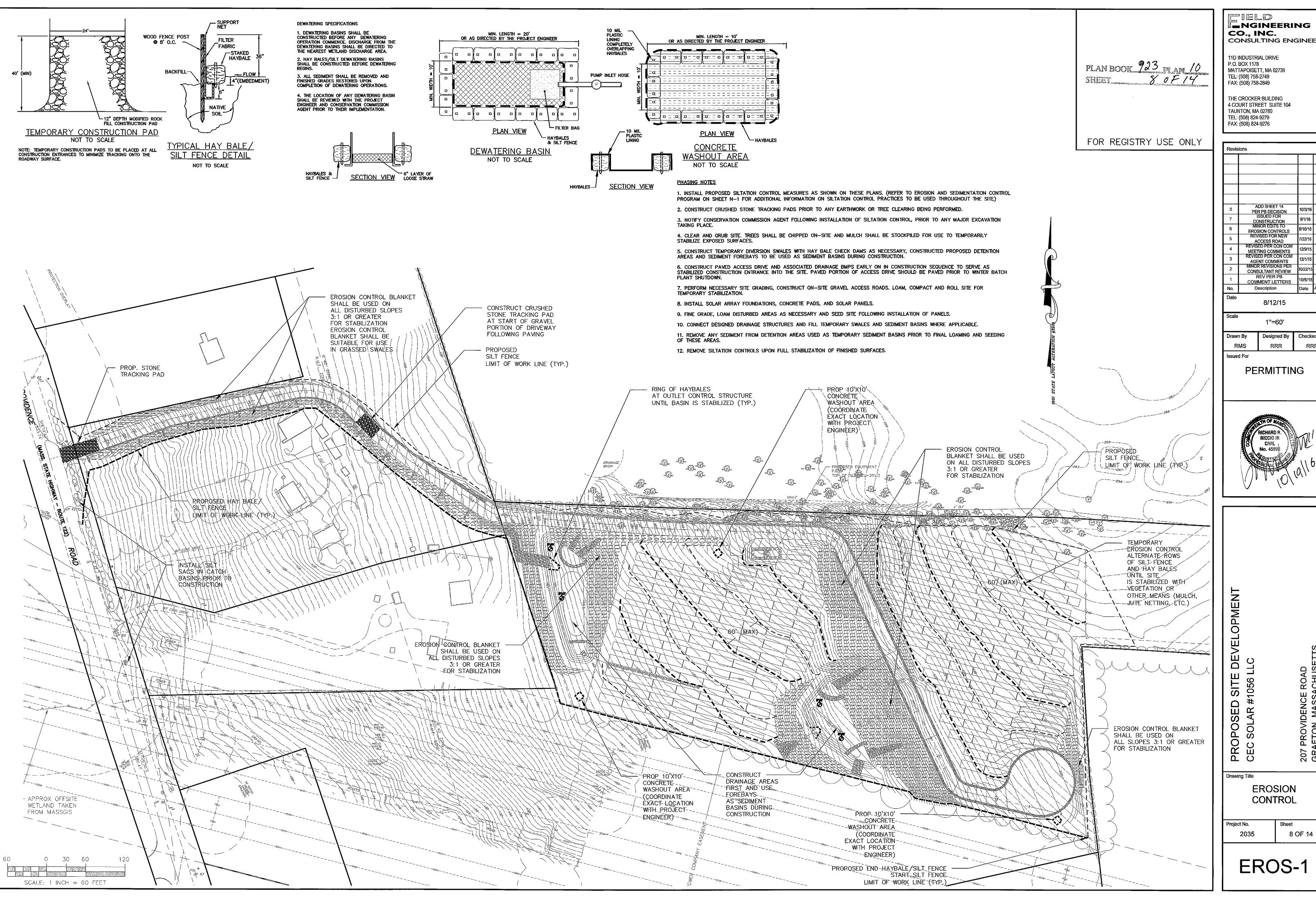
PROPOSED SITE DEVELOPMENT CEC SOLAR #1056 LLC

ACCESS ROAD

Sheet 2035

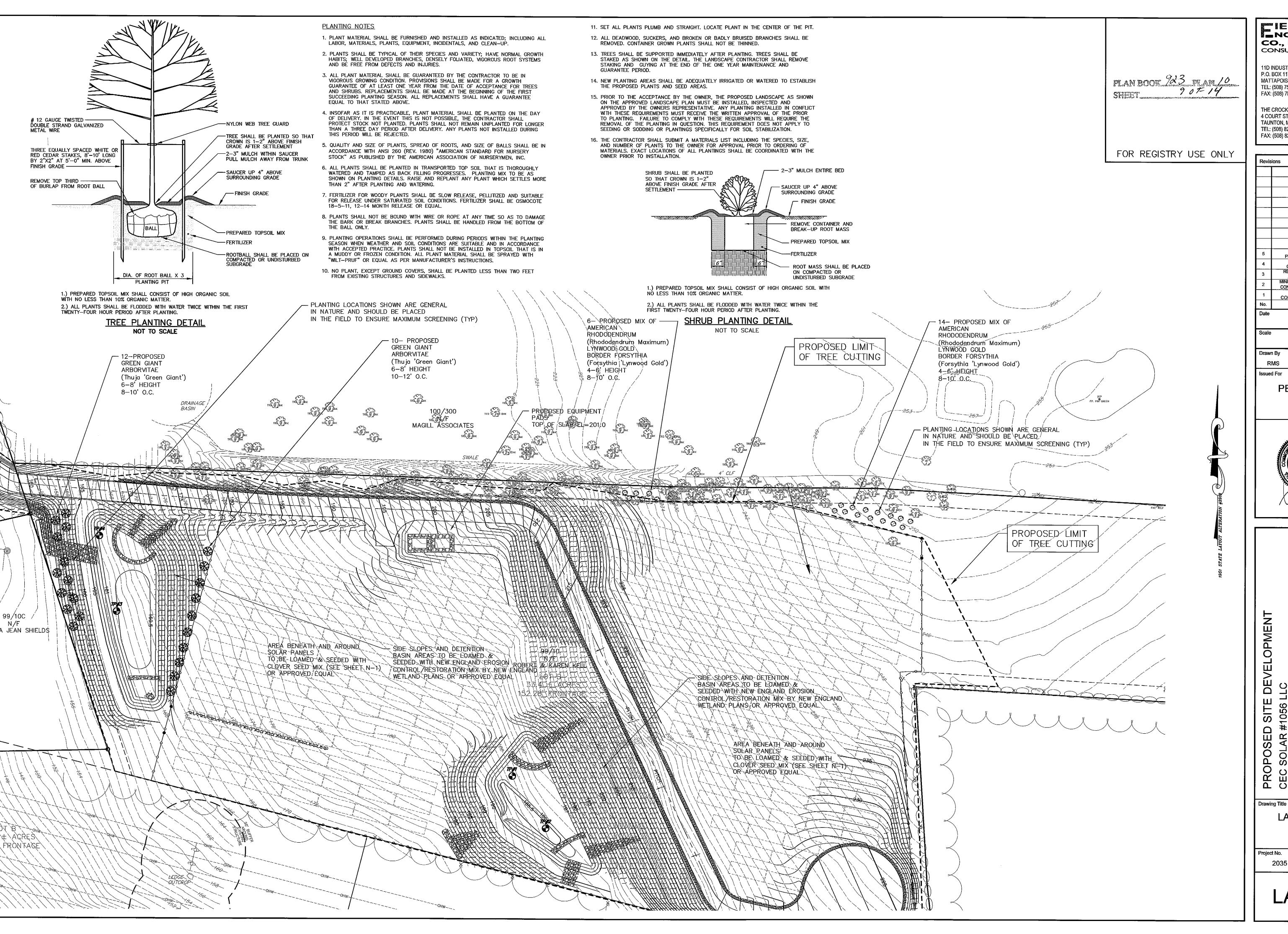
7 OF 14

PP-2



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CONSULTING ENGINEERS

11D INDUSTRIAL DRIVE P.O. BOX 1178 MATTAPOISETT, MA 02739 TEL: (508) 758-2749 FAX: (508) 758-2849

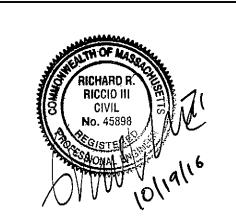
THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780 TEL: (508) 824-9279 FAX: (508) 824-9276

| Solution | Section | Sec

Drawn By Designed By Checked By
RMS RRR RRR
Issued For

PERMITTING

1"=40'



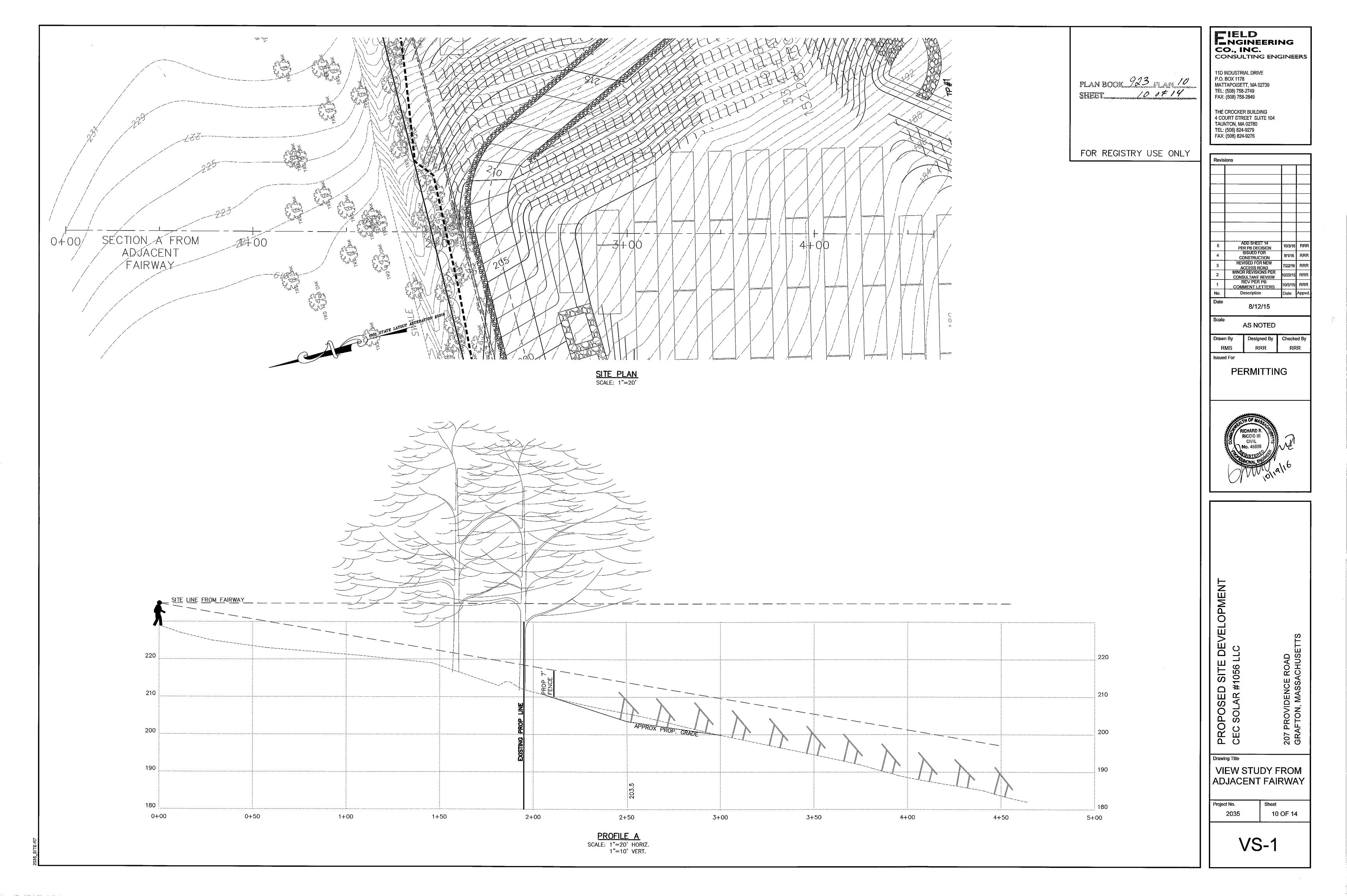
SED SITE DEVELOPMENT
AR #1056 LLC

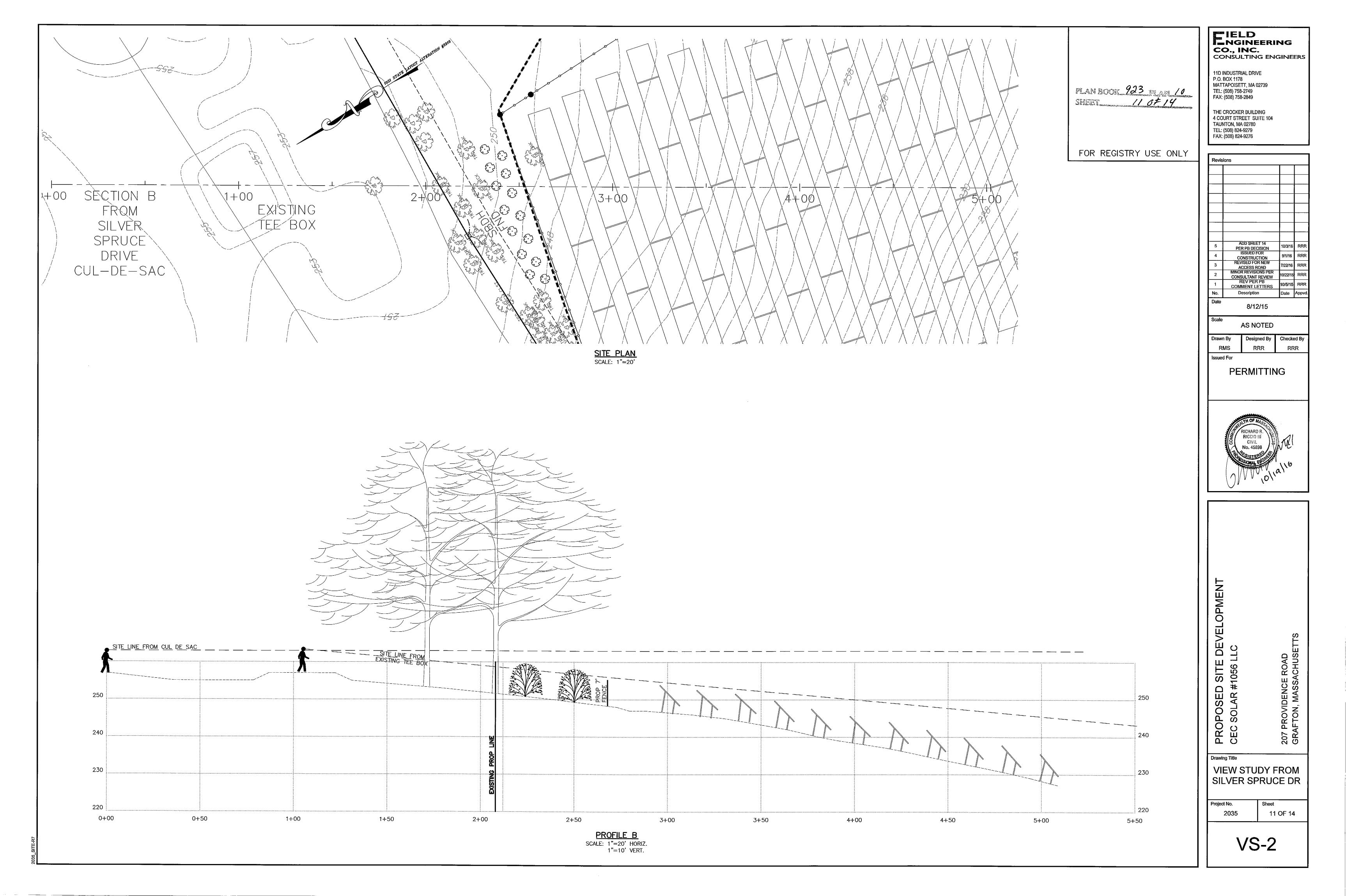
LANDSCAPE PLAN

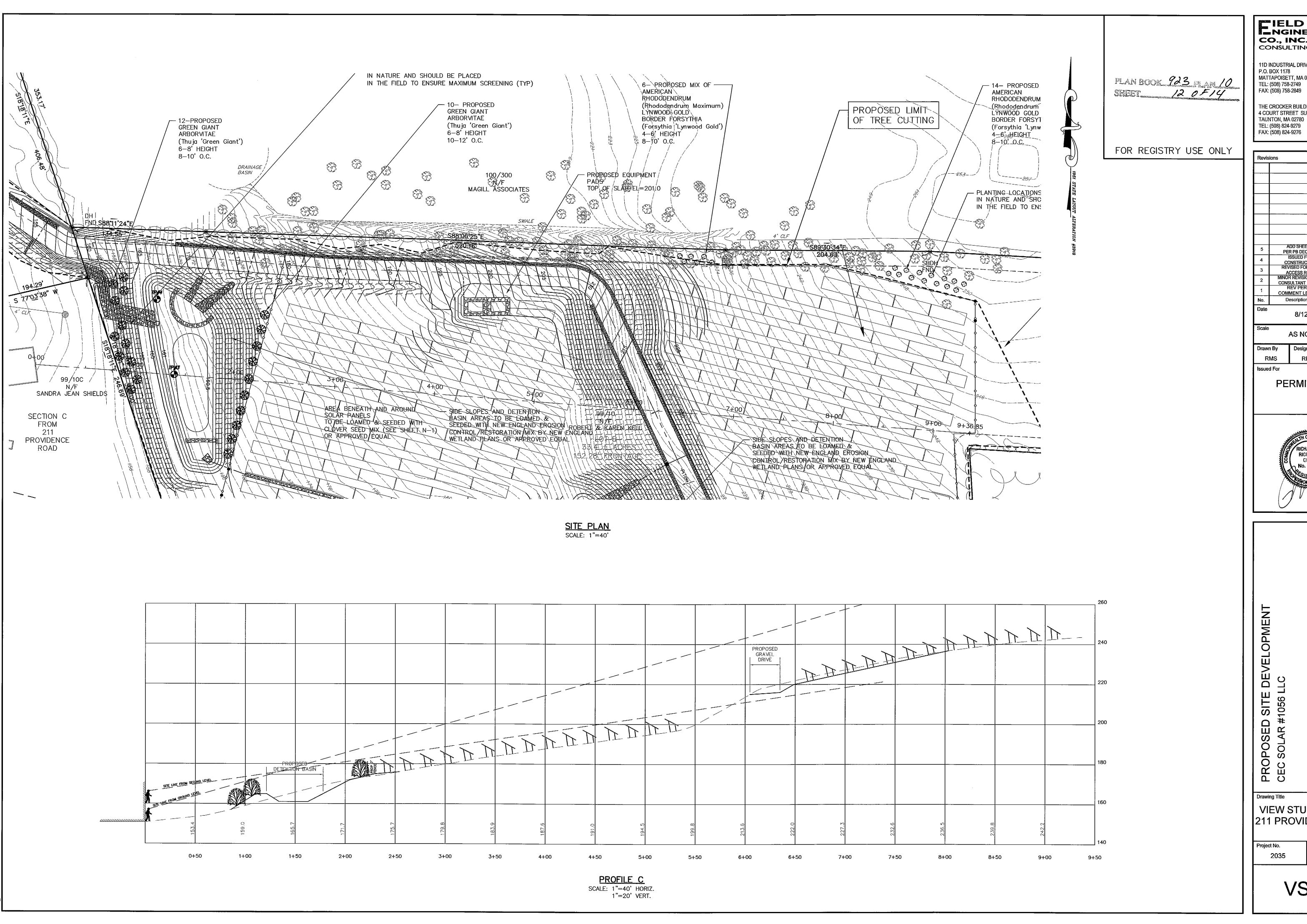
ect No. 2035

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LAND-1







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THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780 TEL: (508) 824-9279

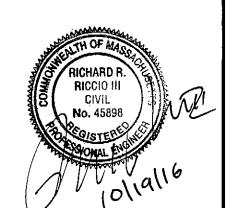
ADD SHEET 14 PER PB DECISION ISSUED FOR COMMENT LETTERS Description

8/12/15

AS NOTED Designed By Checked By

RRR

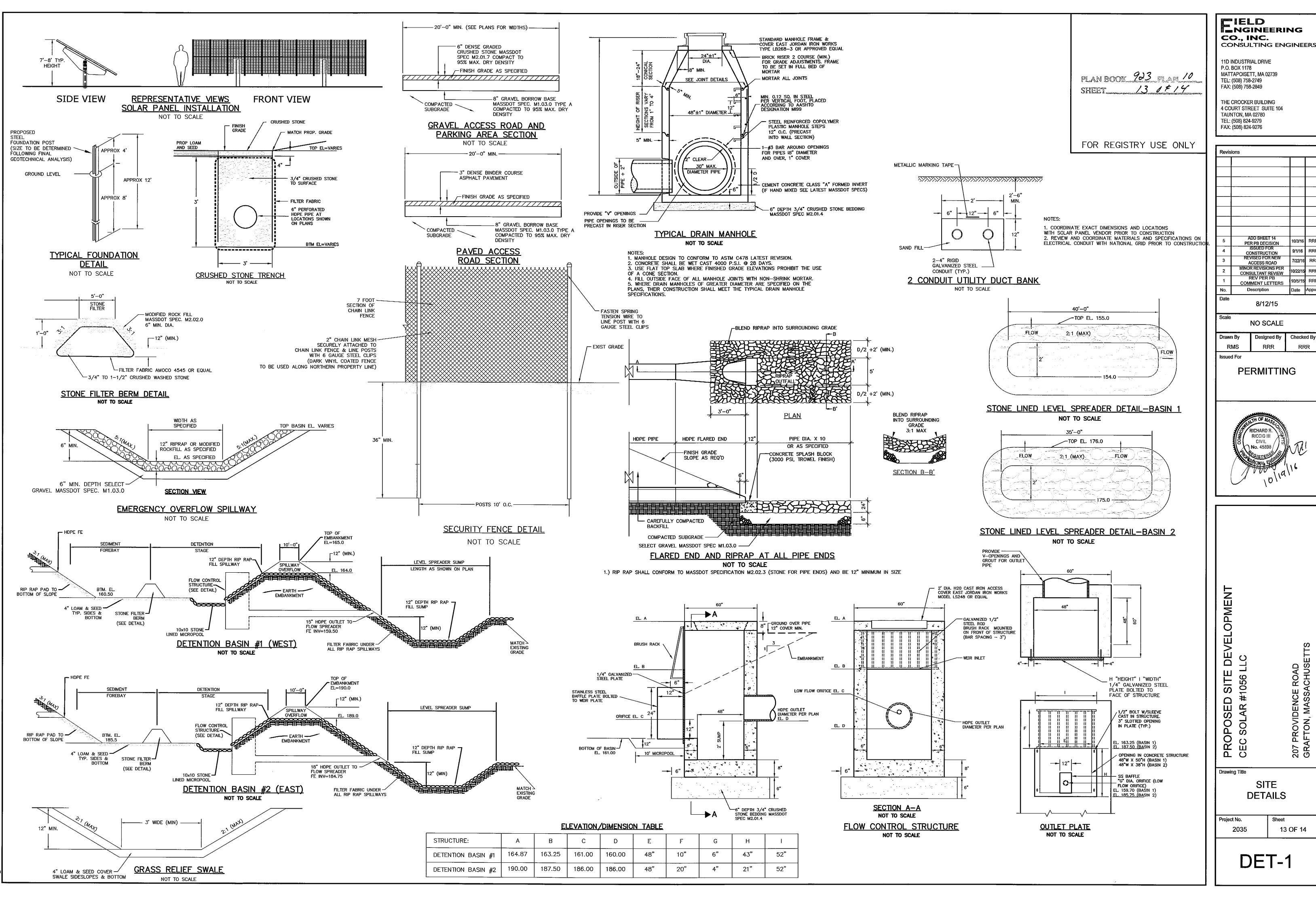
PERMITTING



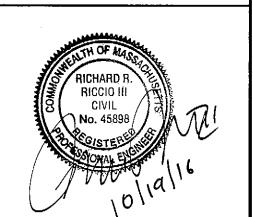
VIEW STUDY FROM 211 PROVIDENCE RD

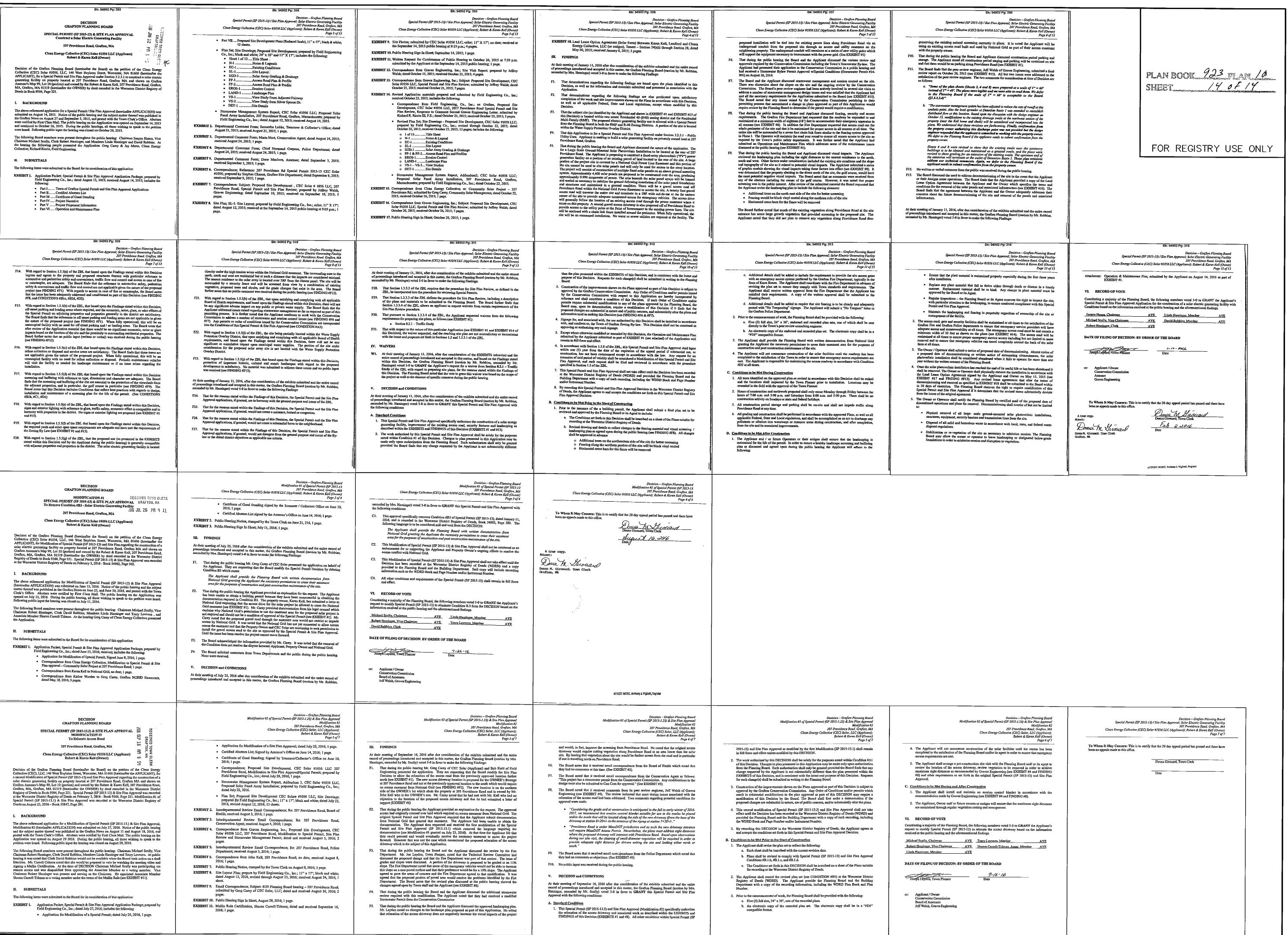
12 OF 14

VS-3



CONSULTING ENGINEERS

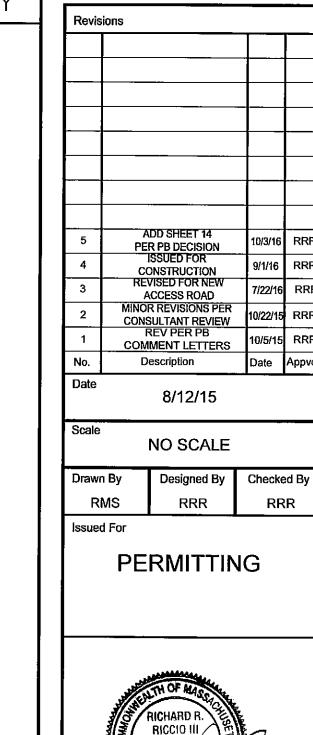




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THE CROCKER BUILDING 4 COURT STREET SUITE 104 TAUNTON, MA 02780 TEL: (508) 824-9279 FAX: (508) 824-9276



CIVIL / No. 45898

10/19/1

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Drawing Title

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SPECIAL PERMIT/ SITE PLAN APPROVAL **DECISIONS**

Project No. 2035

14 OF 14

DEC-1